



Please Click here to view the drawing

Korean Fulltext

English Fulltext

(19)



KOREAN INTELLECTUAL PROPERTY OFFICE

## KOREAN PATENT ABSTRACTS

(11)Publication number: 1020020014857 A  
 (43)Date of publication of application: 27.02.2002

(21)Application number: 1020000048036  
 (22)Date of filing: 19.08.2000  
 (30)Priority: ..

(71)Applicant: LG ELECTRONICS INC.  
 (72)Inventor: BAE, SO YEONG  
 JUN, SEONG BAE  
 KANG, BAE GEUN  
 YOO, JAE SIN  
 YOON, GYEONG RO

(51)Int. Cl.

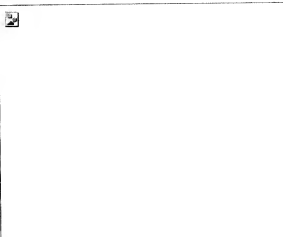
G11B 27/30

(54) VIDEO SKIMMING SYSTEM USING SHOT SEGMENTATION DATA

(57) Abstract:

PURPOSE: A video skimming system using shot segmentation data is provided to correspond to the request of a user desiring to recognize the entire story of a video within a limited time or to move to a desired part. CONSTITUTION: A video skimming system consists of a user interface(601) inputting a user command such as speed used for skimming or the degree of video skimming; a main control unit(602) skimming video files based on indexing data according to the user command; a media file(603) providing digital video stream data to the main control unit; an index file(604) providing indexing data to the media file; and a display unit(605) playing back a skimmed video. In case of video skimming request

input from a user, the main control unit decides which part of which shot is skimmed and played back and how fast each segment is played back. The main control unit decodes the media file and displays the frames on the display unit to provide the video skimming function to the user. Therefore, the user recognizes the entire story of a video within a limited time.



copyright KIPO 2002

## Legal Status

Date of request for an examination (20000819)  
 Notification date of refusal decision (00000000)  
 Final disposal of an application (registration)  
 Date of final disposal of an application (20021211)  
 Patent registration number (1003702490000)